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Brewster Building Department Policy on Amateur Radio Communication Antennas (September 2010)

Until such time the Brewster Zoning Bylaws specifically addresses Amateur Radio Communication Antennas, this policy will guide the decisions of the Brewster Building Department.

Chapter 225 of the Acts of 1995 amended the Massachusetts General Law, Chapter 40A, Section 3 to reflect provisions of a Federal Law (at 47 CFR 97.15 (e)). Essentially this MGL revision clarifies the rights of Federally Licensed Amateur Operators to install an antenna structure and generally outlines the limitations set on municipalities to regulate antennas and their supporting structures. Whereas MGL Chapter 40A, Section 3 states that no zoning bylaw shall prohibit the construction or use of an antenna structure by a federally licensed amateur radio operator, these bylaws may reasonably regulate the location and height of such antenna structures for the purposes of health, safety and aesthetics.

Antenna structures for federally licensed amateur radio operators may be allowed to be constructed under the following provisions of this policy.

- 1. A building permit application shall be submitted with adequate information concerning location, height above surrounding area, structural information and a copy of the Federal License issued for amateur radio operators.
- 2. The maximum height limit for said antenna structure shall be 70 feet above the surrounding natural grade. According to <u>Antenna Height and Communications</u> <u>Effectiveness</u>, Second Edition, a 70 foot antenna would be the best overall choice to cover all of the elevation angles, wavelengths and frequencies.
- 3. The placement of the antenna structure shall be so located that the distance to any property line shall be equal to or greater than the height of the antenna and supporting structure.
- 4. That all other applicable Municipal, State and Federal rules and regulations are satisfied including but not limited to Municipal Conservation Commission, Old Kings Highway Regional Historic District and State Building Code.